

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050120104").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 15:38
S2	1	("6618819").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 23:22
S3	1	(US-20050120104-\$).did.	US-PGPUB	OR	OFF	2007/08/21 15:38
S4	1	(US-20050120104-\$).did. and (medium waves carrier signal)	US-PGPUB	OR	ON	2007/08/21 15:40
S5	2	(task with class with (weight priority)).ab,ti.	US-PGPUB; USPAT	OR	ON	2007/08/21 15:43
S6	4490120	@ad<"20031128"	US-PGPUB; USPAT	OR	ON	2007/08/21 15:43
S7	1	S5 and S6	US-PGPUB; USPAT	OR	ON	2007/08/21 15:44
S8	179	(task cpu) with starvation	US-PGPUB; USPAT	OR	ON	2007/08/21 15:44
S9	4852	task with class	US-PGPUB; USPAT	OR	ON	2007/08/21 15:44
S10	28574	(cpu processor) with (\$2% usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 15:45
S11	14	S6 and S8 and S9 and S10	US-PGPUB; USPAT	OR	ON	2007/08/21 15:54
S12	17427	(quotient divid\$4 multipl\$4) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 15:56
S13	286	S10 and S12 and S6	US-PGPUB; USPAT	OR	ON	2007/08/21 15:55
S14	2	S8 and S13	US-PGPUB; USPAT	OR	ON	2007/08/21 15:55
S15	18097	(quotient multipl\$4) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 15:57
S16	690	S15 and S9 and S6	US-PGPUB; USPAT	OR	ON	2007/08/21 15:56
S17	60	S10 and S16	US-PGPUB; USPAT	OR	ON	2007/08/21 15:56
S18	12	S17 and 718/100-108.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/21 16:05
S19	831	(quotient multiplies multiplying) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 15:57
S20	0	S19 and S6 and S8 and S9 and S10	US-PGPUB; USPAT	OR	ON	2007/08/21 15:57
S21	0	S19 and S6 and S9 and S10	US-PGPUB; USPAT	OR	ON	2007/08/21 15:58

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S22	212	S6 and S9 and S10	US-PGPUB; USPAT	OR	ON	2007/08/21 15:58
S23	150	(multiplies multiplying dividing divide) with (cpu processor) with (usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
S24	104	S6 and S23	US-PGPUB; USPAT	OR	ON	2007/08/21 15:59
S25	13	S24 and ((task job process) with class)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:00
S26	2	(multiplies multiplying dividing divide) with (cpu processor) with (usage utility utilization) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
S27	0	S6 and S26	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
S28	6914	(hierarchy topology) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
S29	4	S18 and penalty	US-PGPUB; USPAT	OR	ON	2007/08/21 16:06
S30	1	(US-6757897-\$).did.	USPAT	OR	OFF	2007/08/21 16:06
S31	1	S30 and penalty	US-PGPUB; USPAT	OR	ON	2007/08/21 16:06
S32	3	(US-20050120104-\$).did. or (US-6757897-\$ or US-6263359-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:07
S33	1	S32 and penalty	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:07
S34	2	S32 and penalty	US-PGPUB; USPAT	OR	ON	2007/08/21 16:07
S35	2	penalty with task with (usage utility utilization) with (cpu processor)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:08
S36	0	S6 and S35	US-PGPUB; USPAT	OR	ON	2007/08/21 16:08
S37	20	penalty with task with (interval period duration)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:09
S38	8	S10 and S37	US-PGPUB; USPAT	OR	ON	2007/08/21 16:09
S39	6	S6 and S38	US-PGPUB; USPAT	OR	ON	2007/08/21 16:32
S40	2841047	determin\$4 calculat\$4 with (target goal) with (cpu processor) with (usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:33
S41	86	(determin\$4 calculat\$4) with (target goal) with (cpu processor) with (usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:34

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S42	57	S6 and S41	US-PGPUB; USPAT	OR	ON	2007/08/21 16:33
S43	0	S9 and S42	US-PGPUB; USPAT	OR	ON	2007/08/21 16:34
S44	221	class with task with (parent sub child hierarchy topology)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:34
S45	2	S44 and (target goal) with (cpu processor) with (usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:34
S46	1	S45 and S6	US-PGPUB; USPAT	OR	ON	2007/08/21 16:35
S47	1	(US-6263359-\$).did.	USPAT	OR	OFF	2007/08/23 15:13
S48	0	(US-6263359-\$).did. and (weight same priority)	USPAT	OR	ON	2007/08/23 15:13
S49	0	(US-6263359-\$).did. and (penalty same priority)	USPAT	OR	ON	2007/08/23 15:13
S50	9	penalty with priority with task	US-PGPUB; USPAT	OR	ON	2007/08/23 15:14
S51	4490166	@ad<"20031128"	US-PGPUB; USPAT	OR	ON	2007/08/23 15:14
S52	6	S50 and S51	US-PGPUB; USPAT	OR	ON	2007/08/23 15:14
S53	1	(US-20050120104-\$).did.	US-PGPUB	OR	OFF	2007/08/23 16:34
S54	1	(US-20050120104-\$).did. and target	US-PGPUB	OR	OFF	2007/08/23 21:52
S55	5	(US-20050120104-\$).did. or (US-6263359-\$ or US-6757897-\$ or US-6581027-\$ or US-6223201-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/08/23 18:56
S56	4	S55 and allocated	US-PGPUB; USPAT	OR	OFF	2007/08/23 16:51
S57	1	S55 and ((processing adj3 allocated) with (weight penalty))	US-PGPUB; USPAT	OR	ON	2007/08/23 16:58
S58	2	S55 and (usage with (weight penalty))	US-PGPUB; USPAT	OR	ON	2007/08/23 17:38
S59	2	S55 and (usage with class)	US-PGPUB; USPAT	OR	ON	2007/08/23 17:31
S60	2	S55 and (usage with (weight priority))	US-PGPUB; USPAT	OR	ON	2007/08/23 17:39
S61	3	S55 and (class with (weight priority))	US-PGPUB; USPAT	OR	ON	2007/08/23 17:48
S62	1	S55 and (subclass with (weight priority))	US-PGPUB; USPAT	OR	ON	2007/08/23 18:22
S63	4	S55 and actual	US-PGPUB; USPAT	OR	ON	2007/08/23 18:23

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S64	3	S55 and (penalty with priority)	US-PGPUB; USPAT	OR	ON	2007/08/23 19:23
S65	2	S55 and (penalty with duration)	US-PGPUB; USPAT	OR	ON	2007/08/23 18:47
S66	1	S55 and (subclass with class)	US-PGPUB; USPAT	OR	ON	2007/08/23 18:50
S67	1	S55 and (subclass with (priority weight))	US-PGPUB; USPAT	OR	ON	2007/08/23 18:50
S68	14	(penalty with priority with (reduc\$4 demot\$4))	US-PGPUB; USPAT	OR	OFF	2007/08/23 18:56
S69	13	S51 and S68	US-PGPUB; USPAT	OR	OFF	2007/08/23 18:56
S70	1	S55 and (suspend\$4 with time)	US-PGPUB; USPAT	OR	ON	2007/08/23 19:31
S71	4	S55 and (penalty with (interval period))	US-PGPUB; USPAT	OR	ON	2007/08/23 19:31
S72	1	(US-20050120104-\$).did. and quotient	US-PGPUB	OR	ON	2007/08/23 21:54
S73	3018290	(quotient division divided dividing) with class wtih (weight priority)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:35
S74	218471	S73 and 7\$/\$.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:03
S75	6255	718/100-107.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:04
S76	5079	S51 and S75	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:25
S77	3464	(boon dysart waines dapoz tremblay).inv.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:25
S78	1	S77 and (task and weight and class).clm.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:26
S79	498	(quotient division divided dividing) with class with (weight priority)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:35

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S80	384	S51 and S79	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:36
S81	86	S80 and 7\$/\$.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:36

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Result # 1 Relevance:

Goal Oriented Central Processing Unit Scheduling

1993-12-01

IPCOM000106776D

English

This invention addresses the problem of goal-oriented CPU management. Work entering system is categorized into service classes, each with its own response time or service problem is to devise effective, low overhead algorithms that enforce the ...

Result # 2 Relevance:

Method to Determine Idle Time of a Computer's Central Processing Unit

1992-03-01

IPCOM000107539D

English

Disclosed is a method to accurately determine the idle time of a computer's Central Processing Unit.

Result # 3 Relevance:

Dynamic Bubbling Task Dispatching Algorithm

1970-06-01

IPCOM000072289D

English

A method of running a multiprogramming system is to dynamically determine the I/O boundedness of the tasks to be dispatched and to give higher priority service to the ones which perform the most I/O. A group of tasks which is heuristically dispatched is identified as a bubble.

Result # 4 Relevance:

Method for Causing a Certain Amount of CPU Usage in Preemptive Multitasking Operating Systems

2003-11-18

IPCOM000020376D

English

Method for Causing a Certain Amount of CPU Usage in Preemptive Multitasking Operating Systems

Result # 5 Relevance:

Factoring contention in to the priority calculation by the kernel

2003-05-20

IPCOM000012679D

English

This article covers a priority-based calculation method based on resource contention and which currently is not factored into current priority/scheduling policies. New parameters are introduced to monitor contention and utilization for resources.

Result # 6 Relevance:

Accounting Algorithm for Computer Systems

1972-03-01

IPCOM000076627D

English

Accounting algorithms may be made repeatable across dissimilar systems by relating the times used by the algorithms to a standard system. For example, if central processing unit (CPU) time is used as a variable, then all CPU times should be mapped into what they would be in a standard system.

Result # 7 Relevance:

Throughput Scheduling Algorithm in a Multi Programming System

1971-10-01

IPCOM000075628D

English

A common problem existing in multi-programming environments is the lack of an intelligent scheduling algorithm.

mechanism by the system, when it comes time to choose a suspended task from a list. Usually it is accomplished by some rigid priority scheme, which says that ...

Result # 8 Relevance: 

CPU Load Adjustment Algorithm

1974-01-01

IPCOM000080686D

English

The environment that this algorithm was designed to function in, is one in which the number of initiated and logged-on jobs (workload elements) will normally exceed by a significant amount the number of workload elements which can concurrently fit into main storage. Those ...

Result # 9 Relevance: 

Automatic Priority Group Method Based on Mean Time To Wait

1973-10-01

IPCOM000079969D

English

There has been demonstrable proof over the last 3-4 years that, under most conditions, Operating Systems perform better (more throughput) if users that perform more input/output are dispatched first and more often than users that "hog" the CPU resource ...

Result # 10 Relevance: 

Priority Control Method for a Resource Partitioning System

1975-11-01

IPCOM000084511D

English

I. Definitions. The following definitions will be helpful in understanding this description.

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Search A scheduler of central processing unit (CPU) usage arranges tasks in a plurality of classes. **query:** associating a given task with a top level class and a sub-class. Weights may be determined for the sub-classes and usage targets associated with top level classes. A target CPU usage may be determined for the given task from a weight and a target CPU usage. Once the target CPU usage of the CPU by the given task is determined in a first predetermined evaluation interval, a penalty duration may be determined for the given task based on the actual usage versus the target CPU usage. A penalty may then be applied to the given task for the penalty duration during a second predetermined evaluation interval.

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